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Collaborative Tools and the LHC: An Update

Monday, September 3, 2007 2:00 PM (20 minutes)

I report on major current activities in the domain of Collaborative Tools, focusing on development for the LHC collaborations and HEP, in general, including audio and video conferencing, web archiving, and more. This presentation addresses the follow-up to the LCG RTAG 12 Final Report (presented at CHEP 2006), including the formation of the RCTF (Remote Collaboration Task Force) to steer planning and development, the installation of prototype facilities at CERN, and current funding scenarios. I also summarize presentations and discussion made during the Shaping Collaboration 2006 conference held in Geneva in December 2006, and present proposals offered by the participants to specifically address major issues facing the LHC collaborations in the coming years.

Submitted on behalf of Collaboration (ex, BaBar, ATLAS)

LHC (ATLAS)

Summary

During the CHEP 2006 conference in Mumbai, I presented the findings and recommendations of the LCG RTAG 12 Final Report (CERN-LCG-PEB-2005-07), which was the culmination of a year of research and discussions by representatives of CERN, the LHC, and experts in the field. Since that time, a significant effort has been made at CERN to follow the recommendations, despite severe budget limitations on the part of laboratory. Efforts at CERN have included the equipping of prototype conference rooms and the development, implementation and integration of commonly used applications. Outside of CERN, significant advancements have been made in the development of new tools for video conferencing, web lecture archiving, and elsewhere. A three-day conference bringing together experts in the field of Collaborative Tools and LHC Users examined these developments, looked at future possibilities, and discussed issues most relevant to the functioning of the collaborations. My presentation will attempt to summarize these important and valuable interactions and to spark discussion on the needs of the LHC.

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